



December 20, 2010
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon

Re: Monthly Progress Report – November 2010
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is November 1, 2010, through November 30, 2010. The next report is due January 10, 2011.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications

On November 7, 2010, DEQ approved the Supplemental Injection approach as described in an email exchange dated October 28, 2010.

Fieldwork

Group 3 PMW and quarterly sampling continued through November. Monthly water levels were collected on November 15, 2010. The monthly water levels are included in a MS Excel worksheet (attached).¹

¹ Includes monthly water levels from January through October 2010; water levels from preceding years have previously been submitted.

Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs on November 15, 2010. DNAPL was not detected in the PMWs with one exception. MGP DNAPL was estimated (based upon staining on the bailer only) in WS-33-81 (approximate MGP DNAPL thickness: 0.1 ft), and a sample was collected and submitted for analysis consistent with previous MGP DNAPL sampling.

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL thickness measurements will be collected in December and January. Performance monitoring in the Group 3 wells and quarterly sampling will continue in November.

MFA anticipates initiating supplemental EIB injections consistent with the revised *Supplemental Injection Plan* (submitted July 7, 2010) in January, pending DEQ approval of additional details to be submitted in late December.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Data through the October 2010 sampling event has been received. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP.

The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data received and validated through the end of the reporting period (November 30, 2010). As noted previously, RAO 1 for the source area has been met in all of the Group 1 and 2 PMWs.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

MFA has continued to screen certain Group 1 and 2 PMWs for TCE and/or MGP-related DNAPL. DNAPL screening requires removal of the dedicated bladder pumps to allow passage of a bailer used for DNAPL screening. As noted previously, a replacement pump was required for WS-32-106; the pump was installed and a sample was collected on November 6, 2010. RAO 1 has been achieved and maintained in this well since March 2009. No additional problems were experienced since the previous progress report.

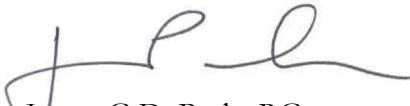
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Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Director of Engineering

Attachment: PMW and Quarterly Data received through November 30, 2010;
Water Levels January – November 2010 (MS Excel–electronic only)

cc: Tom McCue, Siltronic Corporation (electronic and hard copy)
Alan Gladstone, Davis Rothwell Earle and Xochihua (electronic and hard copy)
Chris Reive, Jordan Schrader Ramis (electronic and hard copy)
Jim Anderson, DEQ (electronic)
Kristine Koch, EPA (electronic)
Sean Sheldrake, EPA Seattle (electronic)
Rene Fuentes, EPA Seattle (electronic)
Eric Blischke, EPA Portland (electronic)
Chip Humphrey, EPA Portland (electronic)
Lance Peterson, CDM (electronic)
Bob Wyatt, NW Natural (electronic)
Patty Dost, Pearl Legal Group LLC (electronic)
John Edwards, Anchor QEA LLC (electronic)
Carl Stivers, Anchor QEA LLC (electronic)
Rob Ede, Hahn and Associates, Inc. (electronic)
Tom Gainer, DEQ (electronic)
Henning Larsen, DEQ (electronic)
Matt McClincy, DEQ (electronic)